

Patent Claims

1. Device for carrying out the minimally invasive withdrawal of blood from animals by using blood-sucking assassin bugs, characterized in that the device consists of at least one receptacle (1), which exhibits at least one perforated outside wall (1.1), and within which the assassin bug (W) can be positioned on the animal in question (F) in such a way that the assassin bug (W) is able to suck blood from the aforesaid animal (F) and the assassin bug (W) can be held in place within the aforesaid receptacle (1), by means of a movable partition (1.2), which holds it in place against a location on the perforated outside wall (1.1, 1.3), in such a way that the blood can again be removed from the abdomen of the assassin bug by means of an injection syringe (3).
5
2. Device according to Claim 1, characterized in that the receptacle (1) is a hollow cylinder and the perforated outside wall (1.1) is formed by one end surface thereof, and wherein a movable partition (1.2), by means of which the assassin bug (W) can be held in place against the perforated outside wall (1.1), is arranged on a piston rod on the opposite end surface.
10
3. Device according to Claim 1, characterized in that the receptacle (1) is connected to a second receptacle (2) in that at least partially perforated outside wall of receptacle (1) constitutes the common separating wall (1.1) between it and the second receptacle (2), wherein the assassin bug (W) is located in the first receptacle (1) and the animal (F) is held against the perforated common separating wall (1.1) in the second receptacle (2) by means of a movable disk (2.1), so that the assassin bug (W) can be positioned against the animal (F) and can withdraw blood from the animal (F), and, once the blood has been withdrawn, the assassin bug (W) can be held in place against a second perforated outside wall (1.3) by means of the movable partition (1.2).
20
25
4. Device according to Claim 1, characterized in that the device consists of an approximately spherical receptacle (1), which exhibits an at least partially

BEST AVAILABLE COPY

- 11 -

perforated outside wall (1.1) and an elastic, deformable partition (1.2), whereby the assassin bug (W) can be positioned against the animal (F) between the perforated outside wall (1.1) and the partition (1.2), and the assassin bug (W) can be held in place against the perforated outside wall (1.1) by means of the partition (1.2).

5

5. Device according to Claim 1, characterized in that the device consists of a deformable receptacle with a mesh-like fabric structure, by means of which the assassin bug (W) can be positioned against the animal (F) through the use of a flexible holding device.

10.

BEST AVAILABLE COPY